

### **ABSTRACT**

A method of operating in a network in which a plurality of stations communicate over a shared medium, comprising providing a physical layer (e.g., PHY) for handling physical communication over the shared medium; providing a high level layer (e.g., PAL) that receives data from the station and supplies high level data units (e.g., MSDUs) for transmission over the medium; providing a MAC layer that receives the high level data units from the high level layer and supplies low level data units (e.g., MPDUs) to the physical layer; at the MAC layer, encapsulating content from a plurality of the high level data units; dividing the encapsulated content into a plurality of pieces (e.g., segments) with each piece capable of being independently retransmitted; and supplying low level data units containing one or more of the plurality of pieces.

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